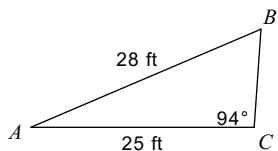


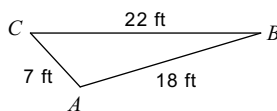
### 8.3 Law of Sines and Cosines (mixed!)

Find each measurement indicated. Round your answers to the nearest tenth.

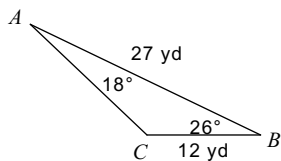
1) Find  $m\angle B$



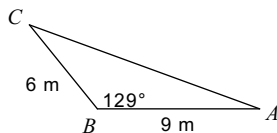
2) Find  $m\angle A$



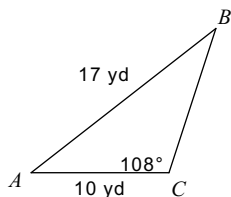
3) Find AC



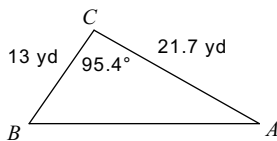
4) Find AC



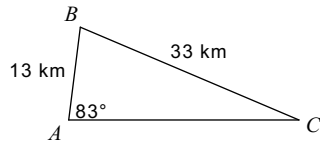
5) Find  $m\angle B$



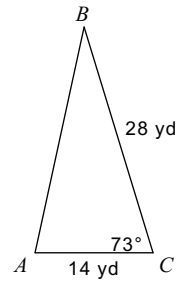
6) Find  $m\angle A$



7) Find  $m\angle C$

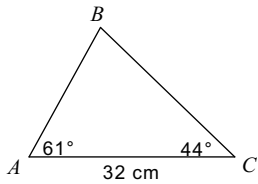


8) Find AB

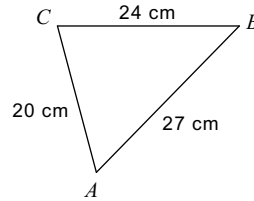


**Solve each triangle. Round your answers to the nearest tenth.**

9)



10)



11)  $b = 25.5$  ft,  $m\angle A = 144^\circ$ ,  $c = 21.2$  ft

12)  $m\angle C = 96^\circ$ ,  $m\angle A = 26^\circ$ ,  $c = 34$  cm